

Title (en)

METHOD FOR ADJUSTING TRANSMISSION RATE AND NETWORK APPARATUS

Title (de)

VERFAHREN ZUR EINSTELLUNG DER ÜBERTRAGUNGSRATE UND NETZWERKVORRICHTUNG

Title (fr)

PROCÉDÉ D'AJUSTEMENT DE DÉBIT DE TRANSMISSION, ET APPAREIL DE RÉSEAU

Publication

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Application

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Abstract (en)

Embodiments of the present invention disclose a transmission rate adjustment method and a network device, to support rapid adjustment on transmission rates of a service in transmission channels on upstream and downstream interfaces of a network node, so that the service can adapt to a difference between transmission rates of the service in upstream and downstream transmission channels of the node, and a network node data buffer, a network node processing delay, and a service transmission delay are reduced. The method in the embodiments of the present invention includes: obtaining, by a network device, a target data stream, where the target data stream includes a first data packet, and the first data packet includes at least two non-idle units; and inserting or deleting, by the network device, a padding unit between any two non-idle units based on a difference between bandwidths of transmission channels of a service on upstream and downstream interfaces of the network device, where the padding unit is used to adapt to a difference between a bandwidth of an upstream transmission channel of the network device and a bandwidth of a downstream transmission channel of the network device.

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EP4175210A4; US2023017470A1; US11742979B2; WO2021126182A1

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